

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/001112

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 5 710 805 A (ARMBRUSTER PETER JOSEPH ET AL) 20 January 1998 (1998-01-20)</p> <p>column 5, line 26 - line 57            column 7, line 10 - line 36            column 8, line 13 - line 22            figures 5-7</p> <p>-----</p> <p style="text-align: center;">-/-</p>	1-14, 16-29, 31-34, 36

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

22 October 2004

02/11/2004

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International Application No  
[REDACTED]/EP2004/001112

**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MADEMANN F - VERBAND DEUTSCHER ELEKTROTECHNIKER (VDE) ET AL VERBAND DEUTSCHER ELEKTROTECHNIKER (VDE) ET AL: "GENERAL PACKET RADIO SERVICE - A PACKET MODE SERVICE WITHIN THE GSM" ISS '95. WORLD TELECOMMUNICATIONS CONGRESS. (INTERNATIONAL SWITCHING SYMPOSIUM). ADVANCED SWITCHING TECHNOLOGIES FOR UNIVERSAL TELECOMMUNICATIONS AT THE BEGINNING OF THE 21ST. CENTURY. BERLIN, APR. 23 - 28, 1995, PROCEEDINGS OF THE INTERNATIONAL SWIT, vol. VOL. 1 SYMP. 15, 23 April 1995 (1995-04-23), pages 36-40, XP000495534 ISBN: 3-8007-2093-0 page 38, left-hand column, lines 23-29</p> <p>-----</p>	1, 16, 27, 32
A	<p>B. T. SORENSEN: "3GPP_TSG_CN_WG1 Archives -- November 2001 (#173)" UMTS R99, 'Online!' 30 November 2001 (2001-11-30), XP002301953 Retrieved from the Internet: URL:<a href="http://list.3gpp.org/scripts/wa.exe?A2=ind0111&amp;L=3gpp_tsg_cn_wg1&amp;T=0&amp;F=&amp;S=&amp;P=21248">http://list.3gpp.org/scripts/wa.exe?A2=ind0111&amp;L=3gpp_tsg_cn_wg1&amp;T=0&amp;F=&amp;S=&amp;P=21248</a> 'retrieved on 2004-10-21! the whole document</p> <p>-----</p>	1-14, 16-29, 31-34, 36
A	<p>"Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 5.10.0 Release 5); ETSI TS 124 008"</p> <p>ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, December 2003 (2003-12), pages 1-485, XP002301954</p> <p>SOPHIA-ANTIPOLIS, FR</p> <p>page 75, paragraph 4.4.4.6 Location updating accepted by the network</p> <p>page 101, paragraph 4.7.3.1.1 GPRS attach procedure initiation</p> <p>page 102, paragraph 4.7.3.1.3 GPRS attach accepted by the network</p> <p>page 120, paragraph 4.7.5.1.3 Normal and periodic routing area updating procedure accepted by the network</p> <p>page 127, paragraph 4.7.5.2.3.1 Combined routing area updating procedure accepted by the network</p> <p>-----</p>	1-14, 16-29, 31-34, 36

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5710805	A 20-01-1998	NONE	